

In Re "Office Action Summary"

Box 2(b) is checked "this action is non-final". However, page 6, paragraph 12 states the action is final.

Undersigned believes the Office Action is non-final in accordance with one of several discussions with the Examiner in March.

In Re rejections under 35 U.S.C. 112

Paragraph 2: Claim 8 has been amended to provide antecedent basis.

Paragraph 3: The examiner states "knock-down coupling means" is not clearly defined. Undersigned disagrees.

For the Examiner's convenience, included herewith are definitions of "knock-down" taken from two dictionaries. The pages from the dictionaries are also included. These dictionaries agree that "knock-down" conveys meaning: "to take apart (something assembled) typically for convenience of moving, packing, storing, or shipping: disassemble (knocked the table down before boxing it)"; "to be adaptable to being knocked down (a portable device that easily knocks down)"; "something (as a piece of furniture) that can easily be assembled or disassembled"; "that can easily be put together or taken apart (as for convenience of storing or shipping): made up of parts that are readily assembled or disassembled (a piece of furniture)"; "not assembled or only partly assembled: consisting of parts that can be assembled".

Further, undersigned has included a page from the manual of classification. It is clear that the term "knock-down" has sufficient meaning in class 312 to warrant a major subclass (257.1), "knock-down or set up".

Further, "coupling means" has never been in issue – to the knowledge of undersigned – as to its meaning. Please confirm.

Prior Art rejections and 112 rejections

Ironically, the point of patentable novelty coincides precisely with the asserted confusion as to the meaning of “knock-down” coupling means. The Examiner must attach patentable weight to the “knock-down” term and to do so results in patentability.

Every facet of the application talks about modules that can be readily coupled and decoupled. The concept behind the term “knock-down” is well recognized both in dictionaries and the Patent Office classification.

The only relevant area where “knock-down” is not well recognized is in the art of tanning beds, which is the reason for the patent application. Nothing in the prior art negatives patentability of applicant’s knock-down tanning bed.

102 rejection

With respect to the rejection of claims 1, 20, and 24-29 under 35 U.S.C. § 102 as being anticipated by Brown (5,383,916), the Examiner is invited to consider the following binding, compelling precedent articulated by the Court of Appeals for the Federal Circuit:

“. . . anticipation requires that each and every element of the claimed invention be disclosed in a single prior art reference.” *Akzo N.V. v. United States ITC*, 808 F.2d 1471, 1 U.S.P.Q.2d 1241 (Fed. Cir. 1986).

Further, “those elements must either be inherent or disclosed expressly . . .” *Verdegaal Bros., Inc. v. Union Oil Co.*, 814 F.2d 628, 2 U.S.P.Q.2d 1051 (Fed. Cir. 1987). “. . . and must be arranged as in the claim[s] . . .” *Carella v. Starlight Archery & Pro Line Co.*, 804 F.2d 135, 231 U.S.P.Q. 644 (Fed. Cir. 1986).

In addition, "... [the] absence from the reference of any claimed element negates anticipation." *Kloster Speedsteel AB v. Crucible Inc.*, 793 F.2d 1565, 230 U.S.P.Q. 81 (Fed. Cir. 1986).

The Examiner is mistaken in characterizing Brown's teachings. Undersigned's arguments accompanying the Amendment filed on November 2, 2001 discussed those points, and are incorporated by reference and highlighted as follows. Unit 13 referred to by the Examiner is not part of Brown's invention, is it designated by Brown as undesirable prior art. Unit 13 is part of a prior art bed with respect to Brown. Unit 13 may be entirely removed from the tanning bed, but servicing the components inside unit 13 requires complete disassembly to access the components inside (col. 2, lines 62-65). Brown's invention is found in his figure 6, not in his figure 1. Neither figure 1 nor figure 6 teaches applicant's invention.

Conversely, the electrical components of the instant invention are readily serviceable without complete disassembly. The ballast units are connected modularly, as noted at page 9 of the specification. The modules may be individually replaced, rather than requiring the entire assembly to be sent for servicing.

Brown clearly does not disclose knock-down coupling means, which, as shown, has definite meaning. Such term is clarified above. Without the teaching of knock-down coupling means, Brown cannot anticipate the present invention.

103 rejections

Undersigned has read the patents to Brown and Kramer et al. ('009) carefully and has failed to uncover the basis by which the Examiner has combined these references to support an obviousness type rejection of claims 2 through 7 and claims 13 through 16. Stated alternatively, there is no teaching within these citations that would warrant the combination of elements proposed by the Examiner and it is respectfully stipulated that applicant's structure would still not be obtained thereby. A specific teaching within one of the references suggesting the combination is required.

The Examiner has rejected claims 2 through 7 and 13 through 16 under 35 U.S.C. § 103(a) as being unpatentable over Brown in view of Kramer et al. ('009). Again, the Examiner states that Brown is cited for disclosing a removable unit disposed between his bench supports. Brown does not contain such a unit; it has been eliminated by storing the electrical components inside his bench supports (in his figure 6). Kramer et al. discloses a tanning bed that houses ballasts (32) between the bench supports, however, the ballasts are inside the bottom portion of the tanning bed.

Kramer et al. does not overcome the deficiencies of Brown with respect to the present invention. Kramer has nothing to do with knock-down structure. Brown does not teach ballasts, nor does it utilize knock down coupling means for easy disassembly. While Kramer does use ballasts in his system, they are housed in the bottom portion of the tanning bad and do not allow for ready access and servicing. The tanning bed of Kramer et al. is an awkward, integral monolith, while the tanning bed of the present invention is formed from easy to assemble modules. Kramer et al.'s tanning bed has no provisions whatsoever to be disassembled; the support frame (14, 18, 20) is unitary and prefastened to the lower unit (14) within its skin (Figure 7), while upper unit 16

connects via torsion spring preloaded to 3400 pounds (col. 6). The tanning bed of the present invention allows ready access for servicing and is easy to disassemble and to move. Each of claims 2 through 7 and 13 through 16 includes specific components that are specifically designated as "removable". Neither Brown nor Kramer teaches knock-down coupling means for easy disassembly and moving of the tanning bed, and neither allows, in any way, for ready access for repair and servicing via removable components of the tanning bed. Therefore, the rejections under 35 U.S.C. § 103 should be withdrawn.

The Examiner has also rejected claims 10 through 12, 18, 19, and 21 through 23 under 35 U.S.C. § 103(a) as being unpatentable over Brown in view of the Montego Bay brochure (3200 Legend). The deficiencies of Brown as a reference are noted above. Undersigned has reviewed the Montego Bay brochure and is puzzled with regard to the Examiner's statement at page 4 of the Office Action that the top portion of the bed is supported by a "hook". Undersigned can find no hook in any bed in the entire brochure and requests the Examiner's assistance in locating same.

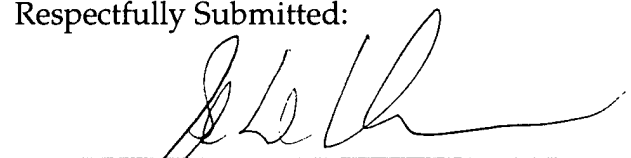
By contrast, the hook of the present invention attaches into a slit on the bottom portion of the bed (see reference number 142 in figure 5), not the top portion. Even if a hook were present in the top portion of the Montego Bay 3200 Legend bed, as the Examiner claims, this has no bearing on whether the claimed structure is obvious. This rejection should be withdrawn.

Simply stated, this invention is clearly patentable as claimed presently, once the Examiner acknowledges and gives weight to the "knock-down" terminology. A personal interview is requested.

In view of the foregoing, it is respectfully requested that the Examiner pass this case to issue. If, upon further consideration, the Examiner believes further issues remain outstanding or new ones have been generated, undersigned respectfully requests that the Examiner call undersigned to expeditiously resolve same.

Dated: July 12, 2002

Respectfully Submitted:

A handwritten signature in black ink, appearing to read 'B. Kreten', written over a horizontal line.

BERNHARD KRETEN
Applicant's Attorney
Telephone (916) 930-9700
Registration No.: 27,037



A GENUINE MERRIAM-WEBSTER

The name *Webster* alone is no guarantee of excellence. It is used by a number of publishers and may serve mainly to mislead an unwary buyer.

Merriam-Webster™ is the name you should look for when you consider the purchase of dictionaries or other fine reference books. It carries the reputation of a company that has been publishing since 1831 and is your assurance of quality and authority.

Copyright © 1996 by Merriam-Webster, Incorporated

Philippines Copyright 1996 by Merriam-Webster, Incorporated

Library of Congress Cataloging in Publication Data
Main entry under title:

Merriam-Webster's collegiate dictionary. — 10th ed.

p. cm.

Includes index.

ISBN 0-87779-708-0 (unindexed : alk. paper). — ISBN 0-87779-709-9 (indexed : alk. paper). — ISBN 0-87779-710-2 (deluxe : alk. paper). — ISBN 0-87779-707-2 (laminated cover).

I. English language—Dictionaries. I. Merriam-Webster, Inc.

PE1628.M36 1996

423—dc20

95-36076
CIP

Abbreviat

Merriam-Webster's Collegiate® Dictionary, Tenth Edition principal copyright 1993

COLLEGIATE is a registered trademark of Merriam-Webster, Incorporated

All rights reserved. No part of this book covered by the copyrights hereon may be reproduced or copied in any form or by any means—graphic, electronic, or mechanical, including photocopying, taping, or information storage and retrieval systems—without written permission of the publisher.

Made in the United States of America

16RMcN96

EXHIBIT

A

know \ˈnō\ *vb* **knew** \ˈnū also ˈnyū\; **known** \ˈnɒn\
 fr. ~~OE~~ *cnāwan*; akin to OHG *bichnān* to recognize,



knot 1b: 1 Blackwall hitch, 2 bend, 3 clove hitch, 4 cat's paw, 5 figure eight, 6 granny knot, 7 reef knot, 8 overhand knot, 9 fisherman's knot, 10 half hitch, 11 square knot, 12 slip knot, 13 stevedore knot, 14 true lover's knot, 15 surgeon's knot, 16 Turk's head, 17 sheet bend, 18 timber hitch, 19 seizing, 20 reef knot, 21 sheepshank.

COMPLEX — **knot-ti-ness** *n*
and that has a decorative dist
finish

any of several herbs (genus *Urtica*) leaves and bracts jointed at base. **Urtica dioica** L. **NETTLE**
 Russ *knut*, of Scand origin; (1716): a whip used for flogging.
 \nōn\; known \nōn\; know-
 ān to recognize, L *gnoscere*

הַיְחָלִים "Δ"

COPYRIGHT © 1961 BY G. & C. MERRIAM CO.

PREVIOUS EDITIONS

COPYRIGHT © 1909, 1913, 1923, 1924, 1926, 1927, 1930, 1934, 1950, 1953, 1954, 1957, 1959
BY G. & C. MERRIAM CO.

PHILIPPINES COPYRIGHT 1961 BY G. & C. MERRIAM CO.

PREVIOUS EDITIONS PHILIPPINES COPYRIGHT 1950, 1953, 1954, 1957, 1959

BY G. & C. MERRIAM CO.

PREVIOUS EDITION COPYRIGHT 1925 IN PHILIPPINE ISLANDS

BY G. & C. MERRIAM CO.

ALL RIGHTS RESERVED
UNDER INTERNATIONAL AND PAN-AMERICAN COPYRIGHT CONVENTIONS
BY G. & C. MERRIAM CO.

All rights reserved

MADE IN THE U. S. A.

R. R. DONNELLEY & SONS COMPANY, THE LAKESIDE PRESS, CHICAGO, ILL., U. S. A.
COMPOSITORS

H. O. HOUGHTON AND COMPANY, THE RIVERSIDE PRESS, CAMBRIDGE, MASS., U. S. A.
PRINTERS AND BINDERS

EXHIBIT

"B"

1. notions out of interest out of
 2. down by or as if
 3. the head off the
 4. (4) of a dog
 moved in and ~ed
 5. BOTHER, DISTURB
 6. knock out (sense
 her clenched fist
 to make a strong
 esp. : to move to
 7. audience like
 8. to collide fairly
 9. to strike against,
 10. oil drums against
 11. they were going
 12. ill of esp. in a
 13. very often and
 14. of our times
 15. (instructions)
 16. : to obtain
 17. : to obtain
 18. man who can ~
 19. cold : to be
 20. was and knocked
 21. : to admiration
 22. who really knocks
 23. a loop—knock
 24. 25. completely vanquish
 26. : to make short
 27. is faith in human
 28. cause to be at a
 29. 30. DUMBFOUND
 31. 32. (as if a cocked
 33. of our times
 34. : industry into
 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784

knockaway *vt.* of KNAKAWAY
knock back *vi.* chiefly *Brit.*: SWALLOW; *specif.*: to toss down (an alcoholic beverage) (smell of the brandy they had just been *knocking back* — Bruce Marshall)
knock-back *n.* *** *n* - s [*fr.* *knock back*, *v.*] *Austral.*: REBUFF; *fig.*: a person's *knock-back* (a *knock-back* from his old man — John Morrison)
knock down *vr* 1 *a* (1): to strike to the ground or lay low with or as if with a short sharp blow: **FELL**, **PROSTRATE** (hit him on the chin and *knocked him down*) (2): to lower in degree: tone down: put down (needs to have his self-esteem *knocked down*) **HUMBLE**, **HUMILIATE** (try not to frustrate him or *knock down* his cap — *Education Digest*) **b**: to hit with or as if with a projectile or other missile and cause to fall: shoot down (thinking of ways to *knock planes down* from the skies — J.P. Baxter *ibid.* 1893): bring down by a shot: **POT** (*knocking down* the way: get rid of) (3): to dispose of effectively: put out of the way: get rid of: ELIMINATE, **QUASH** (each objection had been *knocked down* — *Times Lit. Suppl.* 2 *Austral.*); to spend (money) with abandon (*knock down* the check — *George Farwell*) *d*: to check or abate (flames or heat) at the edges of a blazing area *e*: to cause (a vessel) to heel over or list heavily or beyond recovery (lets the wind blow on both sides of the sail . . . and the boat cannot be *knocked down* — Peter Heaton) *2*: to dispose of to or as if to a bidder at an auction sale (*knocked the clock down* for a trifling sum) *3*: to take apart (something assembled) typically for convenience: **DISASSEMBLE** (knocked the engine before bearing it) *4* *a* *slang* (1): to appropriate dishonestly: **STEAL** (*knocked down* a bank) (2): to get cash without getting caught) (2): **ROB** (*knocked down* a bank) *b*: to receive as income or salary: make by earning: **EARN**, **DRAW**, **GEE** (positions where they were able to *knock down* good money — *Infantry Jour.*) (*were knocking down* close to \$150,000 a year — *Newsweek*) *5*: to hammer out the ground and joints of (a book to be rebound) after removal of the cover; also: to flatten out the frayed ends of (cords or bands) after lacing in *6*: to make a reduction in (an amount) **REDUCE**, **LOWER** (*knocked the price down* a dollar or two) *7*: **LOWER**; *see* **knocking down** an initial letter that had been printed as a capital)
knock down *a* (a portable device that easily *knocks down*) *a* of wind or a body of water: to become transient: **SUBSIDE** (the sea was *knocking down* steadily — R.F. Mirivish)
knockdown ** *adj.* ** *s* [*knock down*] *1 a* (1): the action of knocking down (a general ~ of prices — *Newsweek*) (2): the condition of being knocked down; *specif.*: the condition of a ship (as a sailboat) that is heeling over, listing heavily, or beyond recovery from the impact of wind or water **b** (1): a person or permanent disordered state that is produced in an insect by the action of one of the other control agent and that is marked by cessation of the insect's other control activity and often followed by the insect's death (2): the condition of an insect, which is marked by the insect's death (2): the percentage of a test group of insects that successfully incapacitated or killed by an insecticide or other control agent — compare **KILL** *2 a*: a blow that knocks down (watched for the first ~ in the fight) **b**: an overwhelming or crushing blow (as of misfortune): a severe setback (it was a bad ~ for both of us — *Lucien Price*) *3*: something (as disassembled 4 *thing*) an introduction to a person (give a guy a ~ to your girl friends — *Jeannie Wean*)
knockdown ** *adj.* [*partly fr. knock down* partly *fr. "knock-down"*] *1 a*: that knocks down or is capable of knocking down (a ~ jab to the jaw) *b*: having such force or strength as to strike down: **PROSTRATING**, **INCAPACITATING** (his schemes have met a ~ blow — *Amy Lowell*) (the ~ power of an insecticide) **b** (1): that cannot be successfully opposed: **OVERWHELMING**, **OVERPOWERING** (a bewildering assortment of ~ arguments — *J.W. Kutch*) (would provide an almost ~ proof of the fact) *2*: **FIGHTING** (a ~ defeat) (2): pushing or driving to the limit (the ~ style of a boxer — *E. Woodard*) *3*: **BULLDOZING** (his ~ style of ~ answer) *4*: **BLUNTLY ASSURED**: **CATEGORICAL** (he had his ~ answer or anyone who questioned his qualifications — *Van Wyck Brooks*) *c*: **KNOCK-DOWN-AND-DRAW-OUT** (can explode any moment into ~ fight — *Newsweek*) *2 a*: that can easily be put together or taken apart (as for convenience of storing or shipping): made up of parts that are readily assembled or disassembled (a ~ piece of furniture) *b*: **KNOCKED-DOWN** (a ~ worst possible): **MINIMUM** (the auctioneer set the ~ bid at \$5.00) *3*: extremely low (can make the trip at ~ cost) *4*: **REDUCED** (bought ~ fuel at ~ prices)
knock-down-and-drag-out ** *adj.* ** *s* [*fr. knock-down* and *drag-out*] *1*: marked by extreme violence or bitterness and by the giving of no quarter: carried to the last extremity (*a knock-down-and-drag-out fight*) (*knock-down-and-drag-out* political debates) (one of the toughest knock-down, drag-out little battles ever fought — *Infantry Jour.*)
knock-down-and-drag-out ** *n* - s: a knock-down-and-drag-out fight or controversy (are both spilling for a real knock-down-and-drag-out on this issue — *New Republic*)
knocked part of **knock**
knocked-down ** *adj.* [*fr. past part. of knock down*] *1*: not assembled or only partly assembled: consist-
knock-out ** *n* - s [*fr. knock out*] *1*: a blow that knocks out (a person) *2*: one that knocks: as *a*: a usu. ornamental fixture attached to the outer surface of a door or window typically of a metal plate to which a metal ring or bar of ornament is hinged so that it may be raised and lowered with a sharp edge against the surface of the plate or door so as to produce a rattling noise designed to indicate one's desire to gain admittance *b* *dialect*: a spirit or goblin believed to dwell in mines and to



EXHIBIT "B"

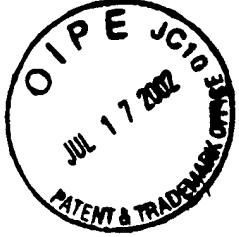
▶ **HIJACK** \hɪˈjæk/ (Knock-
 Martin) b: 1: to
 McCarter) 3: to
 good sum each year;
 or applause (which
 tion knocks one off
 knockover \ˈnɒkəvər/
 ▶ the condition of
 knock poker n: a
 cards and attempts
 discards as in rum
 knock rummy n: a
 the winner is the p
 cards and in which
 knocks *pres 3d sing*
 knock under vi, ad
 ▶ YIELD (why should
 H.D. Thoreau)
 knock up vt 1 a
 with little—though
 ▶ prepare quickly
 us—Irwin Shaw
 acquaintance with
 small wooden bu
 Pinckney) c: to
 the knock on wa
 minton's square
 by knocking at the
 3 a: to make ex
 knocked me up—G
 dition: cause to d
 knocked them up
 competition had k
 c: WOUND, HURT
 over there—that is
 gets knocked up—
 score) 2 MAKE, ACHI
 receive as income
 pregnant (no girl
 the knock on Erne
 TURB, BOTHER (th
 to knock down (s
 ly exhausted or ot
 beasts had knock
 Idress) 2: to ch
 difficulties) (happ
 3: to practice inf
 fore a match (as in
 knockup \ˈnɒkəp/
 volleying) in warm
 knockwurst var of
 the knockwurst
 dial Eng. = KNOC
 knö-d or knoe-
 knoedel or knoedel
 fr. OHG *knodo* =
 knofe-ve-na-gel re.
 knoovenagel cond
 venagel 1921 Ger
 catalyzed by amine;
 ketone and a comp
 (as in esters of ac
 acid)
 knock \nɒk/ n-s [N
 a lump, tuber. O
 more at NOT 1
 usu, small rounded
 of a body of water;
 (2) 2: usu, re
 reef, bank, or bar
 ▶ MOUND, HILLOCK
 knoll \ˈnɒl/ n-s [M
 archaic: KNELL
 knoll \ˈnɒl/ v -ED; -I
 —more at *knoll*;
 molly 1: -Iĕ / *adj*: m
 try)
 knock hardness \ˈ
 cent, Am. chemist
 metal) that is dete
 pointed diamond p
 strate it
 knock \ˈnɒp/ n-s [N
 MLG *knuppe*, *knop*
 knock) knof, bud, kn
 in wood, OE *cnotta*
 knob: as a: a sma
 ment or protuberan
 the stem of a vessel
 the shank or shaft
 (a) 2: a knob; a
 bud: knob 1 c: a
 silk, cotton) that is
 and that is often of
 thread, or cloth or
 formed in or on the
 -nolite \ˈnɒlɪt/ n-s
 mineralogist + G -it
 mopped \ˈmɒp/ *adj*
 more knobs (a glass
 -mop-per \ˈmɒps(r)/
 knob) 2: a gall that
 immature acorns of
 the oak
 -mop-pie spider \ˈ
 knob, bud —more
 knobs) (*Latrodect*
 southern Africa that
 widow
 -mop's solution \ˈ
 W. Knop 1891 Ger
 growth experiments
 proportions of calc
 sulfate, monobasic
 dissolved in water
 (a) 2: a plant
 withering one ply fast
 whistman also knoo
 -mor-ria \ˈnɒrɪə/, *n*
 Ger. collector of pet
 based on fossil stems
 diate in structure be
 and the Sigillaria
 -mosp \ˈmɒsp/ n-s
 -not, bud, knob —
 -nos-si-an also *cnos*
 -us, cap (*Knossos*
 -Knossos) + E -ian)

DECEMBER 1996

| | | | |
|-------|--|-------|--|
| 204 | SIMULATION, ORNAMENTATION OR WITH SECRET COMPARTMENT | 234.2 | ..Correlated list |
| 205 | EXPANSIBLE | 234.3 | ...On closure |
| 206 | FOR BRUSH, BROOM OR MOP | 234.4 | ..Labels affixed to shelves and/or partitions |
| 207 | .Projecting article handle | 234.5 | ..Labeled movable supports |
| 208.1 | FOR KEY-BOARD WRITING MACHINE (E.G., TYPEWRITER) | 235.1 | WITH STEP |
| 208.2 | .Including work-sheet storing area | 235.2 | WITH SEAT OR REST |
| 208.3 | .Having particular machine-cover detail | 235.3 | .Seat storable within cabinet |
| 208.4 | .Portable | 235.4 | .Component rearrangeable to form seat |
| 208.5 | FOR SEWING MACHINE | 235.5 | .Cabinet with seat structure |
| 208.6 | .Portable | 235.6 | ..Cabinet forming armrest |
| 209 | LABORATORY, DENTAL, BARBER OR MEDICAL | 235.7 | ..Cabinet forming backrest |
| 210 | MASK OR SCREEN TYPE | 235.8 | .Diverse cabinet adapted to be mounted upon seat |
| 210.5 | WITH SIFTER | 235.9 | .Diverse seat and cabinet fixedly connected (e.g., classroom desk) |
| 211 | WITH DEPOSIT AND COLLECTION COMPARTMENT | 236 | WITH HEATING, COOLING OR HEAT EXCHANGE MEANS |
| 212 | .Movably mounted | 237 | COMBINED |
| 213 | FORAMINOUS EXTERIOR WALL | 238 | ROOM CORNER TYPE |
| 400 | SPACED INSULATED WALL | 239 | WITH USER ACCOMMODATING RECESS |
| 401 | .Refrigerator cabinet | 240 | CONVERTIBLE |
| 402 | ..Including exterior-access drawer | 241 | .To table only |
| 403 | ..Including hot compartment | 242 | MOUNTED IN WALL OR PANEL RECESS |
| 404 | ..Including particular storage compartment | 243 | SELECTIVE DIVERSE CABINET SUPPORTS |
| 405 | ..Closure structure | 244 | WITH CARRYING HANDLE |
| 405.1 | ...Having article support | 245 | MOUNTED ON WALL, CEILING OR SPACED PANELS |
| 406 | ..Wall structure | 246 | .Movably mounted housing or compartment |
| 406.1 | ...Including means to relieve thermal stress | 247 | ..Vertically |
| 406.2 | ...Wall-ends connection | 248 | ..Pivotally only |
| 407 | ...Refrigerating-zones divider | 257.1 | KNOCKDOWN OR SETUP TYPE |
| 407.1 |Having opening | 258 | .Foldable |
| 408 | .Shelf or shelf-supporting structure | 259 | ..Flexible cardboard-type walls |
| 409 | .Fire-resistant cabinet | 260 | ...Slidable closure or guides |
| 410 | .Particular oven shelf, rack, or support therefore | 261 | ...Slidable compartment or guide |
| 215 | WITH LOCK OR LATCH SELECTOR-OPERATOR | 262 | ..Sidewalls hinged to rigid backwall |
| 216 | GANG-BAR TYPE LOCKING OR LATCHING MEANS | 263 | .Adjacent walls rigidly interlocked |
| 217 | .Concealed | 264 | .Opposite walls rigidly interlocked |
| 218 | ..With push or pull rod as operator | 265 | ..Interior tie members, externally accessible |
| 219 | ..With separable key as operator | 265.1 | .Skeletal frame |
| 220 | ..With closure as operator | 265.2 | ..Parallel panels connected by skeletal frame members |
| 221 | ..With movable compartment as operator | 265.3 | ...Parallel panels are vertically oriented |
| 222 | LATCH ACTUATED BY COMPONENT OR ITS LATCH | 265.4 | ..Free-standing in final configuration |
| 224 | WITH MIRROR | 265.5 | .Connecting panels |
| 225 | .Plural | 265.6 | .Removable panel |
| 226 | .Movably mounted | 266 | WITH CONTINUOUSLY LEVEL REVOLVABLE COMPONENTS |
| 227 | ..With, on, or forming, closure | 267 | .Continuously housed |
| 228 | WITH BASIN OR TUB | 268 | ..On flexible endless conveyor |
| 228.1 | .Having particular shelf or rack | 269 | .Interconnected with pivoted rigid housing wall |
| 229 | WITH LIQUID DRAIN, DUST COLLECTOR OR GUARD | 270.1 | HAVING A MOVABLE COMPARTMENT WITH IN-HOUSED COVER |
| 230 | WITH ERASABLE SURFACE (E.G., BLACKBOARD) | 270.2 | .Pivotally movable compartment |
| 231 | WITH DRAFTING BOARD | 270.3 | .Horizontally movable compartment |
| 232 | WITH INKWELL | | |
| 233 | WITH BOOK SUPPORT | | |
| 234 | WITH EXHIBITOR, INDICATOR OR SAMPLE | | |
| 234.1 | .With contents indicia | | |

EXHIBIT

"C"



Bracketed and Underlined Claims

Claim 1 (amended) - A tanning bed comprising in combination:

a plurality of modules selected from the group including a tanning bed, a canopy, a bed support, a canopy support, and a ballast assembly collectively defining components of said tanning bed,

and knock-down coupling means integral with said components for easily removing and assembling said components into an operational tanning bed.

Claim 8 (amended) - A tanning bed comprising in combination:

a plurality of modules collectively defining components of said tanning bed, said components including a pair of spaced bench supports including a ballast housing interposed between said bench supports and means fixing said ballast housing to said bench supports in removable relationship thereto, wherein said bench supports cradle a bench in removable overlying relationship thereto, said bench provided with illumination means for tanning, and wherein said bench supports fasten to a [said] canopy and a pair of posts project upwardly from said bench supports in frictional telescoping relationship, said posts including a pivot that supports a link operatively coupled to said canopy and adapted to allow said link and said canopy to move from a first open position wherein a tanner can lie on the bed to a second closed position where said canopy is in overlying relationship with respect to said bed and said tanner, and gas shock means operatively coupled with said link and said post in a path of heat radiation whereupon gas within said shock elevates in temperature upon utilization of said bed increasing the effectiveness of said gas shock;

said [a] canopy operatively connected to said bench by removeable attachment means, said canopy provided with illumination means for tanning; and

knock-down coupling means for assembling said components into an operational tanning bed.



Pending Claims - July 12, 2002

Claim 1 - A tanning bed comprising in combination:

a plurality of modules selected from the group including a tanning bed, a canopy, a bed support, a canopy support, and a ballast assembly collectively defining components of said tanning bed,

and knock-down coupling means integral with said components for easily removing and assembling said components into an operational tanning bed.

Claim 2 - The bed of claim 1 wherein said components include a pair of spaced bench supports including a ballast housing interposed between said bench supports and means fixing said ballast housing to said bench supports in removeable relationship thereto.

Claim 3 - The bed of claim 2 wherein said bench supports cradle a bench in removeable overlying relationship thereto, said bench provided with illumination means for tanning.

Claim 4 - The bed of claim 3 including a canopy pivotally connected to said bench by removeable attachment means, said canopy provided with illumination means for tanning.

Claim 5 - The bed of claim 4 wherein said ballast housing includes a pair of outwardly and downwardly projecting L-shaped legs which overlie and grasp portions of said bench supports.

Claim 6 - The bed of claim 5 wherein said ballast housing receives therewithin a plurality of ballast units formed as modules, each of said modules formed from choke ballasts oriented in series and terminating at a plug.

Claim 7 - The bed of claim 6 wherein the illumination means are a plurality of ultraviolet lights connected in series to said choke ballasts such that collectively said choke ballasts and said lights maintain current at a substantially constant level.

Claim 8 - A tanning bed comprising in combination:

a plurality of modules collectively defining components of said tanning bed, said components including a pair of spaced bench supports including a ballast housing interposed between said bench supports and means fixing said ballast housing to said bench supports in removable relationship thereto, wherein said bench supports cradle a bench in removable overlying relationship thereto, said bench provided with illumination means for tanning, and wherein said bench supports fasten to a canopy and a pair of posts project upwardly from said bench supports in frictional telescoping relationship, said posts including a pivot that supports a link operatively coupled to said canopy and adapted to allow said link and said canopy to move from a first open position wherein a tanner can lie on the bed to a second closed position where said canopy is in overlying relationship with respect to said bed and said tanner, and gas shock means operatively coupled with said link and said post in a path of heat radiation whereupon gas within said shock elevates in temperature upon utilization of said bed increasing the effectiveness of said gas shock;

said canopy operatively connected to said bench by removeable attachment means, said canopy provided with illumination means for tanning; and

knock-down coupling means for assembling said components into an operational tanning bed.

Claim 9 - The bed of claim 8 wherein said link is received within a hollow of said canopy, said canopy including an abutment which captures a latch projecting from said

link, said hollow including a bead which frictionally resides against a terminus of said link.

Claim 10 - A tanning bed comprising in combination:

a plurality of modules collectively defining components of said tanning bed, said components including a pair of spaced bench supports including a ballast housing interposed between said bench supports and means fixing said ballast housing to said bench supports in removeable relationship thereto, wherein said bench supports cradle a bench in removeable overlying relationship thereto, said bench provided with illumination means for tanning and wherein said bench attaches to said bench supports on one edge thereof by means of a projection on said bench support being received within a complementally formed slit on said bench, said slit provided with adequate clearance to allow articulation of said bench about said projection;

a canopy operatively connected to said bench by removeable attachment means, said canopy provided with illumination means for tanning; and

knock-down coupling means for assembling said components into an operational tanning bed.

Claim 11 - The bed of claim 10 wherein an opposite side of said bench includes another slit which receives a hook supported on said bench support, said hook having releasable fastening means to release said bench relative to said bench support.

Claim 12 - The bed of claim 10 including a stand member which is interposed between said bench support and said bench to allow said bench to remain in an elevated secure position above said bench supports.

Claim 13 - The bed of claim 4 wherein a cover is provided on a concave surface of said bench and is fixed within a peripheral ledge on said bed circumscribing said

cover, said cover residing on said ledge, and a plurality of fins interposed between clusters of illumination means and underlying said cover, said cover frictionally held from said bench by means of gaskets.

Claim 14 - The bed of claim 4 wherein said canopy and said bench includes a plurality of air passageways extending longitudinally along said canopy and said bench providing cooling air from end walls of said canopy and said bench through filters located at said end walls and slits in said canopy and said bench to exhaust air by a fan mounted adjacent said slits and controlled by a temperature sensing means.

Claim 15 - The bed of claim 14 including a zone of increased radiation disposed on said canopy and oriented to address a face area of said user, said zone of increased ultraviolet radiation formed from a plurality of clusters of high output ultraviolet radiation, each cluster constrained to operate within a boxed-shaped well secured to an inverted support tray and separated from a tanner by a window.

Claim 16 - The bed of claim 15 including a plurality of fans oriented upstream from said zone of increased ultraviolet radiation to augment air flow in the face area.

Claim 17 - A tanning bed comprising in combination:

a plurality of modules collectively defining components of said tanning bed, said components including bench supports, a bed, and a canopy, wherein said bench supports fasten to said canopy and a pair of posts project upwardly from said bench supports in frictional telescoping relationship, said posts including a pivot that supports a link operatively coupled to said canopy and adapted to allow said link and said canopy to move from a first open position wherein a tanner can lie on the bed to a second closed position where said canopy is in overlying relationship with respect to said bed and said tanner, and gas shock means operatively coupled with said link and

said post in a path of heat radiation whereupon gas within said shock elevates in temperature upon utilization of said bed increasing the effectiveness of said gas shock; and

knock-down coupling means for assembling said components into an operational tanning bed.

Claim 18 - A tanning bed comprising in combination:

a plurality of modules collectively defining components of said tanning bed, said components includes a bench and bench supports; and

knock-down coupling means for assembling said components into an operational tanning bed, wherein said knock-down coupling means includes attachment of said bench to said bench supports on one edge thereof by means of a projection on said bench support being received within a complementally formed slit on said bench, said slit provided with adequate clearance to allow articulation of said bench about said projection.

Claim 19 - A tanning bed comprising in combination:

a plurality of modules collectively defining components of said tanning bed, said components including a bench and a bench support; and

knock-down coupling means for assembling said components into an operational tanning bed, wherein said knock-down coupling means includes a slit on the side of said bench which receives a hook supported on said bench support, said hook having releasable fastening means to release said bench relative to said bench support.

Claim 20 - A tanning bed, comprising, in combination:

a plurality of modules collectively defining components of said tanning bed wherein said components include illumination means; and

knock-down coupling means for assembling said components into an operational tanning bed, wherein said knock-down coupling means includes a removable cover for said illumination means, said cover having air channeling means integrated therewith.

Claim 21 - A tanning bed, comprising, in combination:

a plurality of modules collectively defining components of said tanning bed, and

knock-down coupling means for assembling said components into an operational tanning bed, said knock-down coupling means including integrally-formed panels, wherein said integrally-formed panels are independently removable.

Claim 22 - A tanning bed, comprising, in combination:

a plurality of modules collectively defining components of said tanning bed, and

knock-down coupling means for assembling said components into an operational tanning bed wherein a bench is attached to bench supports on one edge thereof by means of a projection on said bench support being received within a complementally formed slit on said bench, said slit formed as removable cap on said bench.

Claim 23 - A tanning bed, comprising, in combination:

a plurality of modules collectively defining components of said tanning bed, and

knock-down coupling means for assembling said components into an operational tanning bed wherein a canopy is attached to a bench on one edge thereof by means of a projection on said bench support being received within a complementally formed slit on said bench, said slit formed as removable cap on said canopy.

Claim 24 - A tanning bed, comprising, in combination:

a plurality of modules collectively defining components of said tanning bed, wherein said components include plural illumination means having differing characteristics, each said illumination means being independently removable; and

knock-down coupling means for assembling said components into an operational tanning bed.

Claim 25 - A tanning bed, comprising, in combination:

a plurality of modules collectively defining components of said tanning bed, wherein said components include ventilation means whereby air is drawn into the tanning bed and exhausting means whereby said air is exhausted out of the tanning bed in a direction away from a tanner; and

knock-down coupling means for assembling said components into an operational tanning bed.

Claim 26 - The tanning bed of claim 25 wherein said components include a bench and a canopy, and wherein said ventilation means and said exhausting means operate independently in said bench and said canopy.

Claim 27 - The tanning bed of claim 25 wherein said components include a bench and a canopy, and wherein said ventilation means includes removable housings mounted on exterior extremities of said bench and/or said canopy.

Claim 28 - The tanning bed of claim 27 wherein said removable housing comprises a removable filter system.

Claim 29 - The tanning bed of claim 28 wherein said removable filter system includes an independently removable filter screen located inside said removable housing.